



Atty No. 0800-0009.05

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
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Sheet 1 of 7

RECEIVED

MAR 05 2001

In the Application of PODSAKOFF et al.

Serial No.: 09/755,734

Art Unit: Unassigned

TECH CENTER 1600/2900

Filed: January 4, 2001

Examiner: Unassigned

Title: METHODS FOR DELIVERING DNA TO MUSCLE CELLS USING RECOMBINANT ADENO-ASSOCIATED VIRUS VECTORS

U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
PL	AA-1	5,139,941	August 18, 1992	Muzyczka et al.	435	456	
	AB-1	5,173,414	December 22, 1992	Lebrowski et al.	435	91.4	
	AC-1	5,252,479	October 12, 1993	Srivatava	435	235.1	
	AD-1	5,478,745	December 26, 1995	Samulski et al.	435	320.1	
	AE-1	5,587,308	December 24, 1996	Carter et al.	435	371	
PL	AF-1	5,589,362	October 31, 1996	Bujard et al.	435	69.1	
	AG-1	5,658,656	August 19, 1997	Billiar et al.	428	304.4	

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES NO
AM	AH-1	WO 94/13788	June 23, 1994	EPO			
	AI-1	WO 95/13376	May 18, 1995	EPO			
	AJ-1	WO 95/20671	August 3, 1995	EPO			
	AK-1	WO 95/34670	December 21, 1995	EPO			

Examiner:

Date Considered:

8/28/01

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Exam. Init.	Ref. Desig.	Description
<i>DNA</i>	AL-1	Acsadi et al., "Human Dystrophin Expression in MDX Mice After Intramuscular Injection of DNA Constructs," <i>Nature</i> <u>352</u> :815-818 (1995)
	AM-1	Acsadi et al., "Cultured Human Myoblast and Myotubes Show Markedly Different Transducibility by Replication-Defective Adenovirus Recombinant," <i>Gene Therapy</i> <u>1</u> :338-340 (1994)
	AN-1	Acsadi et al., "A Differential Efficiency of Adenovirus-Mediated <i>in vivo</i> Gene Transfer Into Skeletal Muscle Cells of Different Maturity," <i>Hum. Mol. Genetics</i> <u>3</u> :579-584 (1994)
	AO-1	Barr and Leiden, "Systemic Delivery of Recombinant Proteins by Genetically Modified Myoblast," <i>Science</i> <u>254</u> :1507-1509 (1991)
	AP-1	Bartlett et al., <i>Am. J. Human Genetics</i> <u>57</u> Supp. 4 #A235;
	AQ-1	Blau et al., "Myoblast in Pattern Formation and Gene Therapy," <i>Trends in Genetics</i> <u>9</u> (9):269 (1993)
	AR-1	Blau and Springer, "Molecular Medicine Muscle-Mediated Gene Therapy," <i>New Eng. J. Med.</i> <u>333</u> :1554-1556 (1995)
	AS-1	Blau and Springer, "Molecular Medicine Muscle-Mediated Gene Therapy," <i>New Eng. J. Med.</i> <u>333</u> :1554-1556 (1995)
	AT-1	Brockstedt et al., <i>Clin. Immuno.</i> <u>82</u> (1):67-75 (1999)

Examiner: *DNA*

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Exam. Init.	Ref. Desig.	Description
<i>AVC</i>	AU-1	Clark et al., "Cell Lines for the Production Recombinant Adeno-Associated Virus," <i>Human Gene Therapy</i> <u>6</u> :1329-1341 (1995);
	AV-1	Culver et al., <i>Trends Genetics</i> <u>10</u> (5):174-178 (1994)
	AW-1	Dai et al., "Gene Therapy Via Primary Myoblast: Long-Term Expression of Factor IX Protein Following Transplantation <i>in vitro</i> ," <i>Proc. Natl. Acad. Sci. USA</i> <u>89</u> :10892-10895 (1992)
	AX-1	Dai et al., "Cellular and Humoral Immune Responses to Adenoviral Vectors Containing Ractor IX Gene: Tolerization of Factor IX and Vector Antigens Allows for Long-Term Expression," <i>Proc. Natl. Acad. Sci. USA</i> <u>92</u> :1401-1405 (1995)
	AY-1	Davis et al., "Direct Gene Transfer Into Skeletal Muscle <i>in vivo</i> : Factors Affecting Efficiency of Transfer and Stability of Expression," <i>Hum. Gene Therapy</i> <u>4</u> :151-159 (1993)
	AZ-1	Descamps et al., "Organoids Direct Systemic Expression of Erythropoietin in Mice," <i>Gene Therapy</i> <u>2</u> :411-417 (1995)
	BA-1	Dhawan et al., "Systemic Delivery of Human Growth Hormone by Injection of Genetically Engineered Myoblast," <i>Science</i> <u>254</u> :1509-1512 (1991)
	BB-1	Einerhand et al., <i>Gene Therapy</i> <u>2</u> (5):336-343 (1995);
<i>N</i>	BC-1	Flotte et al., "Gene Expression from Adeno-Associated Virus Vectors in Airway Epithelial Cells," <i>Am. J. Respir. Cell Mol. Biol.</i> <u>7</u> :349-356 (1992)

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Exam. Init.	Ref. Desig.	Description
	BD-1	Flotte et al., "Expression of the Cystic Fibrosis Transmembrane Conductance Regulator From a Novel Adeno-Associated Virus Promoter," <i>J. Biol. Chem.</i> <u>268</u> :3781-3790 (1993)
	BE-1	Flotte et al., "Stable <i>in vivo</i> Expression of the Cystic Fibrosis Transmembrane Conductance Regulator with an Adeno-Associated Virus Vector," <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :10613-10617 (1993)
	BF-1	Flotte et al., "Adeno-Associated Virus Vector Gene Expression Occurs In Nondividing Cells in the Absence of Vector DNA Integration," <i>Am. J. Respir. Cell Mol. Biol.</i> <u>11</u> :517-521 (1994)
	BG-1	Gilgenkrantz et al., "Transient Expression of Genes Transferred <i>in vivo</i> Into Heart Using First-Generation Adenoviral Vectors: Role of the Immune Response," <i>Hum. Gene Therapy</i> <u>6</u> :1265-1274 (1995)
	BH-1	Hamamori et al., "Myoblast Transfer of Human Erythropoietin Gene in a Mouse Model of Renal Failure," <i>J. Clin. Inves.</i> <u>95</u> :1808-1813 (1995)
	BI-1	Hamamori et al., "Persistent Erythropoietin by Myoblast Transfer of Erythropoietin cDNA," <i>Human Gene Therapy</i> <u>5</u> :1349-1356 (1994)
	BJ-1	Herzog et al., <i>Proc. Natl. Acad. Sci.</i> <u>94</u> :5804-5809 (1997)
	BK-1	Hodgson, <i>Exp. Opin. Ther. Pat.</i> <u>5</u> (5):459-462 (1995)
	BL-1	Kaplitt et al., "Long-Term Gene Expression and Phenotypic Correction Using Adeno-Associated Virus Vectors in the Mammalian Brain," <i>Nature Genetics</i> , <u>8</u> :148-154 (1994)

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Exam. Init.	Ref. Desig.	Description
	BM-1	Kessler et al., "Gene Delivery to Skeletal Muscle Results in Sustained Expression and Systemic Delivery of a Therapeutic Protein," <i>Proc. Natl. Acad. Sci. USA</i> <u>93</u> :14082-14087 (1996)
	BM-1	Knowles et al., "A Controlled Study of Adenoviral-Vector-Mediated Gene Transfer in the Nasal Epithelium of Patients with Cystic Fibrosis," <i>The New Eng. J. of Med.</i> <u>333</u> (13):823-831 (1995)
	BO-1	Kourtis et al., "Cardiac Gene Therapy With Adeno-Associated Virus Suppression," <i>Modern Pathology</i> <u>8</u> (1):33A (1995)
	BP-1	Lafont, <i>Lancet</i> <u>346</u> :1442-1443 (1995);
	BQ-1	Leiden, J.M., "Gene Therapy-Promise, Pitfalls and Prognosis," <i>New Eng. J. Med.</i> <u>333</u> :871-872 (1995)
	BR-1	March et al., <i>Clin. Res.</i> <u>40</u> (2):358A (1992);
	BS-1	Marshall et al., <i>Science</i> <u>269</u> :1050-1055 (1995)
	BT-1	Mendell et al., "Myoblast Transfer in the Treatment of Duchenne's Muscular Dystrophy," <i>New Eng. J. Med.</i> <u>333</u> :832-838 (1995)
	BU-1	Miller et al., <i>FASE B J</i> <u>9</u> :190-199 (1995)
	BV-1	Naffakh et al., "Sustained Delivery of Erythropoietin in Mice by Genetically Modified Skin Fibroblast," <i>Proc. Natl. Acad. Sci. USA</i> <u>92</u> :3194-3198 (1995)
	BW-1	Naffakh et al., "Long-Term Secretion of Therapeutic Proteins from Genetically Modified Skeletal Muscles," <i>Human Gene Therapy</i> <u>7</u> :11-21 (1996)

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Exam. Init.	Ref. Desig.	Description
<u>DNB</u>	BX-1	Nakai et al., <i>Blood</i> <u>91</u> (12):4600-4607 (1998)
	BY-1	Orkin et al., <i>Report and Recommendation from the Panel to Assess the NIH Investment...</i> (1995)
	BZ-1	Osborne et al., "Gene Therapy for Long-Term Expression of Erythropoietin in Rats," <i>Natl. Acad. Sci. USA</i> <u>92</u> :8055-8058 (1995)
	CA-1	Podsakoff et al., "Efficient Gene Transfer into Nondividing Cells by Adeno-Associated Virus-Based Vectors," <i>J. Virol.</i> <u>68</u> :5656-5666 (1994)
	CB-1	Podsakoff et al., "AAV Vector-Mediated Gene Delivery to Skeletal Muscle <i>in vivo</i> Results in Sustained Levels of Systemic Erythropoietin," <i>Gene Therapy Clinic</i> <u>8</u> (10):1066 (269A) (1996)
	CC-1	Podsakoff et al., "Long-Term <i>in vivo</i> Gene Expression in Muscle Using AAV Vectors," <i>Blood</i> <u>86</u> (10):1004A (1995)
	CD-1	Quantin et al., "Adenovirus as an Expression Vector in Muscle Cells <i>in vivo</i> ," <i>Proc. Natl. Acad. Sci. USA</i> <u>89</u> :2581-2584 (1992)
	CE-1	Raz et al., "Systemic Immunological Effects of Cytokine Genes Injected into Skeletal Muscle," <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :4523-4527 (1993)
	CF-1	Restifo et al., <i>J. Immunotherapy</i> <u>14</u> :182-190 (1993)
	CG-1	Russell et al., "Adeno-Associated Virus Vectors Preferentially Transduce Cells in S phase," <i>Proc. Natl. Acad. Sci. USA</i> <u>91</u> :8915-8919 (1994)
<u>W</u>	CH-1	Synder et al., <i>Nature Genet.</i> <u>16</u> :270-276 (1997)

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Exam. Init.	Ref. Desig.	Description
<i>PLC</i>	CI-1	Tripathy et al., "Stable Delivery of Physiologic Levels of Recombinant Erythropoietin to the Systemic Circulation by Intramuscular Injection of Replication-Defective Adenovirus," <i>Proc. Natl. Acad. Sci. USA</i> <u>91</u> :115
	CJ-1	Verma et al., <i>Science</i> <u>389</u> :239-242 (1997)
	CK-1	Villeval et al., "Retrovirus-Medicated Transfer of the Erythropoietin Gene in Hematopoietic Cells Improves the Erythrocyte Phenotype in Murine β-Thalassemia," <i>Blood</i> <u>84</u> (3): 928-933 (1994)
	CL-1	Watson et al., <i>Gene Therapy</i> <u>5</u> :1642-1649 (1998)
	CM-1	Wolff et al., "Direct Gene Transfer into Mouse Muscle <i>in vivo</i> ," <i>Science</i> <u>247</u> :1465-1468 (1990)
	CN-1	Wolff et al., "Long-Term Persistence of Plasmid DNA and Foreign Gene Expression in Mouse Muscle," <i>Human Mol. Genet.</i> <u>1</u> :363-369 (1992)
<i>D</i>	CO-1	Xiao et al., <i>J. Virol.</i> <u>70</u> (11):8098-8108 (1996)
	CP-1	Xiao et al., <i>Adv. Drug Del. Rev.</i> <u>12</u> :201-215 (1993)

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